NASA TechTracS

Modification
Test Plan

Reminder (Mod 68)

Prepared by Knowledge Sharing Systems, Inc

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Overview
This test plan is designed to test the function in Reminder Module (MOD 68).

Setup
Testing for this module should be done with a compiled structure that is to be placed on a Windows 4D Server and a Macintosh 4D Server. When testing, use a recent datafile from a field Center (ie. LaRC).

Procedure
Go through the steps outlined below on both Mac and Windows clients. Note any discrepancies visually between the two platforms.

Test no:____________
Date:____________
Platform:____________

Test Scheme

Test Results

#	Test Procedure	Pass/Fail
	Mod68Conversion This conversion method performs the following tasks: - Creates AutoSort records in the [Lists] table for the following tables: [Daily Message] (48), [Reminder Condition] (46), [Reminder Condition Items] (68), [Reminder Log] (69), [Reminder Task] (130) and [Reminder Task Items] (70). - Deletes the contents of the tables that are being reused for this mod. The tables that will be effected are [Daily Message] ([xTickReminders]), [Reminder Condition] ([xTickRules]), [Reminder Condition Items] ([Budget]), [Reminder Task Items] ([FY Budget Cost]), and [Reminder Log] ([Deliverables]). - Executes queries to modify dates in the [Technology] table. This is being done so that some predefined reminder conditions could be dropped. - Converts the [People Chrono] records whose Type field is equal to "PT", "PS" and "TA" to "PA". And also converts records whose Type field is equal to "EE" to "EM".	
1	Execute the **Mod68Conversion** method. After execution has been completed, confirm that the method performed the converstion correctly.	
	Daily Message Componenet	
2	On the Data Control Panel, scroll the *Tables List* until Daily Message is reached. Select Daily Message and click on the *OK* button. At this time, do not enter a date in the date prompt area. After the *OK* button was clicked on the Data Control Panel, confirm that you are now in the listing window for the [Daily Message] table.	
3	Once in the listing window for the Daily Message table, goto the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Owner***, ***Message Body*** and ***Start Date***. Confirm that these fields are being displayed and that the data is correct for the field.	

#	Test Procedure	Pass/Fail
4	Click on the *Add* button. Confirm the record window for the [Daily Messge] table appears.	
5	Confrim that your "User Name" was automatically loaded in the ***Owner*** field and that the current date was loaded in to the ***Start Date*** and ***End Date*** fields.	
6	Goto the Message area and enter some text. Once the you have finished, click on the *Text Edit* button and confirm that the text that was entered is shown in the text editor window. After you have confirmed the text is in the box, close the window by clicking on the *Accept* or *Cancel* button.	
7	Click on the *Acccpt* button to save the record and return to the listing window. Confirm that your record is displayed in the list.	
8	Once back on the listing window, go to the *Query* pop-up and execute queries on the [Daily Message] tables. The only query that cannot be performed on this table is the "Quick Query" since there are no indexed alpha fields in the [Daily Message] table.	
9	Go to the *Order By* pop-up and perform sorts on the data contained in the [Daily Message] table.	
10	Goto the *Print* button and execute any report(s) for the [Daily Message] table.	
11	Goto the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Daily Message] Table.	
12	Goto the *Sets* pop-up and select the sets that were created from the queries that were created earlier to confirm that the correct information is displayed in the appropriate sets.	
13	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Daily Message] table.	
14	From the *Sets* pop-up, select **New Set** and confirm that it is working correcting with the [Daily Message] table.	
15	Click on the *Help* button and cofirm that the appropriate links are in place to show information on the [Daily Message] Table.	
16	Click on the *Relate* pop-up and confirm that no relations appear since there are no relations to or from the [Daily Message] table.	

#	Test Procedure	Pass/Fail
17	Click on the *Tables* pop-up and confirm that the list of tables appears.	
18	Click on the *Return* button, to go back to the Data Contol Panel.	
19	Once at the Data Control Panel, click on the *Quit* button to exit out of TechTracS. After you are completely out of TechTracS, log back into TechTracS. When the Daily Message window appears, scroll the window until the message that you created appears. (NOTE: This message will only appear when the current date falls within the Daily Message Date.) After you have viewed the message you created, click on the *Done* button of the Daily Message window. After the window is closed, you will now be at the TechTracS Data Control Panel.	
20	In the Tables Scrollable List, scroll down to Daily Message and click once on it to select it. In the prompt area, enter the current date. After the Date has been entered, click on the *OK* button. After the button has been clicked, you will now be in the listing window of the [Daily Message] table and the message that you created will be one of the record(s) shown in the list.	
21	Find the message you created and double-click on it. Confirm that you are in the record window where the message record can be modified.	
22	While this message record is opened in the Record Window, check the buttons on the left side of the window and confirm that they are operating correctly. (NOTE: Since this is a single page layout, the *More* pop-up will not have any values.)	
23	After the operation of the buttons have been confirmed, go to the listing window of the [Daily Message] table. Once at the listing window, go to the *Tables* pop-up and select the [Reminder Task] table. Confirm that once the table is selected, that you have left the [Daily Message] table and that you are now in the [Reminder Task] listing window.	
	Reminder Task Component	
24	Once in the listing window for the [Reminder Task] table, goto the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Name***, ***Owner*** and ***Task Table #***. Confirm that these fields are being displayed and that the data is correct for the field.	
25	Click on the *Add* button. Confirm the record window for the [Reminder Task] table appears.	

#	Test Procedure	Pass/Fail
26	Confrim that your "User Name" was automatically loaded in the ***Owner*** field and that there is an ID number in the ***ID*** field.	
27	Confirm that the record window functions the same way and manner as other record windows in TechTracS. (NOTE: Since this is a single page layout, there will be no items in the *More* pull down.)	
28	Go to the ***Task Name*** field and enter the task name of "Test Task 1".	
29	Go to the *Table* pull down and confirm that the tables that you are allowed access to are are in the list. After you have made the confirmation, select the [PTO Actions] table from the *pull-down menu*.	
30	Confirm that the following fields are displayed in the sub form in the Task Items area: ***Task Item Type*** and ***Information***. Confirm that the following buttons are disabled *Edit*, *Delete* and *Duplicate*.	
31	From within the Task Items area, click on the *Add* button to create a [Reminder Task Item] record. Confirm upon clicking the *Add* button that you are taken into the Simple Input form of the [Reminder Task Item] table and that the "Email Message" ***Task Item Type*** is selected.	
32	Confirm the following items in the Email recipient area: 1) When ***Me*** is selected that your email address appears next to it. This will be the same email address that is in your People table record. 2) When ***This Address*** is selected that an *entry area* appears on the right side of the *radio button* and that it will allow you to enter an email address. 3) When ***People with Keyword*** is selected that an *entry area* appears on the right side of the *radio button* and that it will allow you to enter a keyword. 4) When ***Pont of Contact*** is selected that a *entry area* will appear on the right side of the *radio button* along with a pull-down arrow below the button where the POC can be selected.	
33	In the Email Recipient area, go to the ***People with Keyword*** *radio button* and click on it to select it. After it is selected, type in a keyword that you know is not assigned or assoicated with anyone in the [People] table. After the keyword has been typed in, tab out of the field and confirm that you receive a warning message about there being no one falling under the keyword that was entered. After you have acknowledged the message, enter a valid keyword that you know [People] table records are associated with and tab out to confirm that alert message does not appear. After you have confirmed the operation, click on the ***Me*** *radio button*.	

#	Test Procedure	Pass/Fail
34	In the Email Message area you will have two fields, ***Subject*** and ***Body***. Both of these fields will contain a pull down arrow. Go to each of these arrows and confirm that they contain a list of fields for the table selected in the [Reminder Task] record as the ***Task Table***, a link to the one table and four special functions (**remCurrentDate**, **remCurrentTime**, **remInsertPOCName** and **remLicenseeNameAddress**).	
35	Goto the Task Item Type area and click on the ***Create Action Item*** *radio button* and confirm that the layout has changed to where you can create an action item task item.	
36	Goto the Task Item Type area and click on the ***Create Chronology*** *radio button* and confirm that the layout has changed to where you can create a chronology task item.	
37	Go to the Task Item Type area and click on the ***Email Message*** *radio button*. Goto the Email Recipient area and click on the ***Me*** *radio button* and confirm that your correct email address comes up in parathenises. If your correct email address does not appear, then go to your [People] record and make sure your email address is in the record and then go to the Preference area and make sure that you have selected the correct [People} record.	
38	Go to the ***Subject*** field and enter the following text in the field: "Test Task 1 Subject". Then go to the ***Body*** field and enter any message that you would like. At the end of your message use the pull down arrow to insert the special functions of **remCurrentDate** and **remCurrentTime**. When executed, this will cause the current date and time to appear at the end of your message. After you are finished, click on the *Accept* button to save the record. Once you are back in the record window for Reminder Task, confirm that the [Reminder Task Item] record that you just created is shown in the subform.	
39	Use the *Duplicate...* button and duplicate the Email task item. Confirm the duplication was done correctly by selecting the duplicate record for editing. Once you have confirmed the record was duplicated correctly, change the Email Recipient to ***This Address*** by clicking on the *radio button*. When the *entry area* for the ***This Address*** appears, enter an Email address that you would receive Email at. Save the duplicated record by clicking on the *Accept* button. Using the Duplicate... button, duplicate the Email task item two more times. Go into the duplicate records and have one record whose Email Recipient is set to use ***People with Keyword*** and the other duplicate record's Email Recipient is set to use ***Point Of Contact***. (NOTE: Using People with Keyword, make sure that the keyword you enter will bring up only your people record or another KSS employee's people record. For the Point Of Contact, make sure that you or another KSS employee is listed as the Point Of Contact. This needs to be done, so that only test personnel will receive our test messages.)	

#	Test Procedure	Pass/Fail
40	Save the [Reminder Task] record and confirm that the record that you just created is in the listing window.	
41	Once back on the listing window, go to the *Query* pop-up and execute queries on the [Reminder Task] table. The only query that cannot be performed on this table is the "Quick Query" since there are no index alpha fields in the [Reminder Task] table.	
42	Go to the *Order By* pop-up and perform sorts on the data contained in the [Reminder Task] table.	
43	Goto the *Print* button and execute any report(s) for the [Reminder Task] table.	
44	Goto the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Reminder Task] Table.	
45	Goto the *Sets* pop-up and select the sets that were created from the queries that were created earlier to confirm that the correct information is displayed in the appropriate sets.	
46	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Reminder Task] table.	
47	From the *Sets* pop-up, select **New Set** and confirmthat it is working correctly with the [Reminder Task] table.	
48	Click on the *Help* button and confirm that the appropriate links are in place to show information on the [Reminder Task] Table.	
49	Click on the *Relate* pop-up and confirm that there is a link to related records to the [Reminder Condition] and the [Reminder Task Items] tables.	
50	Click on the *Tables* pop-up and confirm that the list of tables appears.	
51	With the table list still up, select the [Reminder Condition] table. Confirm that once the table is selected, that you have left the [Reminder Task] table and that you are now in the [Reminder Condition] listing window.	

#	Test Procedure	Pass/Fail
	Reminder Condition Component	
52	Once in the listing window for the [Reminder Condition] table, goto the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Name***, ***Owner***, ***Type*** and ***Disabled***. Confirm that these fields are being displayed and that the data is correct for the field.	
53	Click on the *Add* button. Confirm the record window for the [Reminder Condition] table appears.	
54	Confirm that your "User Name" was automatically loaded in the ***Owner*** field and that there is an ID number in the ***ID*** field.	
55	Confirm that the record window functions the same way and manner as other record windows in TechTracS. (NOTE: Since this is a single page layout, there will be no items in the *More* pull down.)	
56	Go to the ***Name*** field and enter the following name "Test Task 1 Reminder Condition". Tab over to the ***Disabled*** *check box* and click on it to disable the condition. (NOTE: This is being done so that the condition won't fire until we are ready for it to fire.). Leave the ***Owner*** field as is.	
57	Confirm that the ***Reminder Type*** *pull-down* has two choices: "Passive" and "Active". When a new [Reminder Condition] record is created, the ***Reminder Type*** should default to "Passive". For the purpose of the test, leave this field as "Passive".	
58	Go to the ***Table*** *pull-down* and confirm that the tables contained in the pull down are the tables that you have access to. Once you have confirmed that those are the tables that you have access to, select the "[PTO Actions]" table from the pull-down. For the purpose of this test leave the ***Null Set Condition*** *check box* and ***Days Effective*** value as they are.	
59	Locate the *Choose* button on this form and click it. After the button is clicked, confirm that the Task Selector Window appeared with the task that was created earlier already listed. Once the Task Selector is up, click the *Accept* button to choose it as the task to perform if the condition is met. After the task has been chosen, the selected task name should appear in the ***Task*** field on the [Reminder Condition] record window.	

#	Test Procedure	Pass/Fail
60	Confirm that the following fields are displayed in the sub form in the "Reminder Condition Items" area: ***and/or***, ***Fieldname***, ***Operation*** and ***Value***. Confirm that the following buttons are disabled *Edit* and *Delete*".	
61	From within the Reminder Condition Items area, click on the *Add* button to create a [Reminder Condition Item] record.	
62	Confirm upon clicking the *Add* button that you are taken into the Simple Input form of the [Reminder Condition Items].	
63	Confirm that the ***Reminder Condition Name*** and ***Table*** are shown in the non-enterable fields and that they are same vaules as shown in the [Reminder Condition] record.	
64	Since this will be the first condition item to be created, go to the ***And/Or Prev. Condition*** field and confirm that an "AND" or "OR" does not appear. The first condition item is suppose to have this field blank.	
65	Go to the ***Field*** *pull-down* and confirm that the fields listed in the *pull-down* are those from the table selected in the ***Reminder Condition Table*** and that its related one table is listed as the last item.	
66	Select the related one table ([Technology]) and confirm that after it has been selected that the prompt changes to show "[Technology]Field". Click on the *pull-down* again and confirm that the fields from the Technology table are shown and at the top of the *pull-down* that "<Back>" is there. After you have confirmed this test item, bring up the *pull-down* list and select "<Back>" to bring back the field listing for the table selected in the [Reminder Condition] record.	
67	Goto the ***Field*** *pull-down* and select "Action Due Date". After the field is selected, the table name and field name should automatically be filled in the two non-enterable fields on the right side of the *pull-down*.	
68	Confirm that once a field is selected that, the ***Operation*** field has defaulted to "is equal to".	
69	Go to the ***Operation*** *pull-down* and confirm that you have the following choices showing: "is equal to", "is not equal to", "greater than", "greater than or equal to", "less than" and "less than or equal to". After you have confirmed that those items are listed in the pull-down, select "is not equal to".	

#	Test Procedure	Pass/Fail
70	Go to the ***Value*** field and enter "00/00/0000" for the date. Since the date entry filter is set for this field, you do not need to enter the "/" chracters. After you have entered the date, click on the *Accept* button. Confirm that the item record was saved and that you were returned back to the [Reminder Condition] record window.	
71	Once you are back on the [Reminder Condition] record window, click on the Condition item that was just created and confirm that the *Edit* and *Delete* buttons are now active.	
72	Click on the *Edit* button and confirm that the you are back in the [Reminder Condition Item] Simple Input form and that the fields are displaying the correct values. After you have confirmed this, click on the *Cancel* button to go back to the [Reminder Condition] record window.	
73	Create a condition item where the Completed Date is equal to 00/00/0000	
74	Create a condition item where the Action Due Date is greater than or equal to 12/01/1999	
75	Create a condition item and select Action Due Date for the field and "is less than or equal to" for the operation.	
76	For this step, do not enter any value in the date field, but click on the ***Calculated*** check box. After the box has been checked, confirm that Value Calculator area has appeared showing the following fields: ***Function Field***, ***Date Field***, ***Current Date*** *check box* and "***Value***". After the ***Calculated*** check box is checked, the value field outside of the Value Calculator area will default to the three values inside of the Value Calculator area.	
77	Go to the function pull down and confirm the following functions are listed in the pull down; "**DatePlusDays**", "**DateMinusDays**", "**DatePlusMonths**", "**DateMinusMonths**", "**DatePlusYears**" and "**DateMinusYears**". After you have confirmed that these functions are in the *pull-down*, select "**DatePlusMonths**" and that function should appear in the non-enterable area on the right side of the *pull-down* and the value field outside of the box should update to reflect the change.	
78	Click on the ***Current Date*** *check box* inside of the Value Calculator area. Confirm that the current date went into the date field on the left side of the *check box* and that the ***Value*** field outside of the box is updated to show the current date.	
79	In the ***Value*** field inside the Value Calculator area, enter a "1" and tab out. After you have tabbed out of the field, confirm that the ***Value*** field outside of the Value Calculator area reads "DatePlusMonths(Current Date;1)".	

#	Test Procedure	Pass/Fail
80	Click the *Accept* button to save the item. Once back at the [Reminder Condition] record window, click on the condition item record that was just created and click on the *Edit* button. Confirm that it was saved correctly and that the fields contain the correct values. After you have confirmed that the fields are okay, then click on the *Accept* button to return to the [Reminder Condition] record window.	
81	Once you are back on the [Reminder Condition] record form, look for a button with the name of *Test Query*. (NOTE: This button is only visible for people in the developer group.) Click this button to take the condition items and build a query out of them. After it has finsihed, a message should appear telling you how many records were found. For this test, there should be at least one record found. If no records are found, double check the Condition Item records. If the item records are okay, then modify a [PTO Action] record so that it meets the condtion to be found by the query. Click on the Accept button to save the [Reminder Condition] record.	
82	Once back on the [Reminder Condition] listing window, go to the *Query* pop-up and execute queries on the [Reminder Condition] table. The only query that cannot be performed on this table is the "Quick Query" since there are no indexed alpha fields in the [Reminder Condition] table.	
83	Go to the *Order By* pop-up and perform sorts on the data contained in the [Reminder Condition] table.	
84	Goto the *Print* button and execute any report(s) for the [Reminder Condition] table.	
85	Goto the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Reminder Condition] Table.	
86	Goto the *Sets* pop-up and select the sets that were created from the queries that were created eariler to confirm that the correct information is displayed in the appropriate sets.	
87	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Reminder Condition] table.	
88	From the *Sets* pop-up, select **New Set** and confirm that it is working correctly with the [Reminder Condition] table.	
89	Click on the *Help* button and confirm that the appropriate links are in place to show information on the [Reminder Condition] Table.	

#	Test Procedure	Pass/Fail
90	Click on the *Relate* pop-up and confirm that there is a link to relate records to the [Reminder Condition Items] and the [Reminder Task] tables.	
91	Click on the *Tables* pop-up and confirm that the list of tables appears. After you have confirmed that the *Tables* pop-up is working correctly, click on the *Return* button, to go back to the Data Contol Panel.	
	At this point in the testing phase you will need to have a Macintosh log in to server that you are using to test. After you have the auto agent logged in, then proceed on to the next step. Once you are back at your client machine, click on the *Queue* button to bring up the Queue Manager window. After the window is up, go to the **File** menu and select **File** => **Show AutoAgent Tasks**. The window will change to show the Auto Agent task.	
	Checking A Condition and Performing a Task.	
92	From the Data Control Panel, select the [Reminder Condition] table and at the quick find prompt, enter the condition name that you created earlier and click on the *OK* button. Confirm that the condition record that you created earlier was found and that you were placed in the [Reminder Condition] listing window.	
93	From the [Reminder Condition] listing window, double-click on the condition record. Once in the [Reminder Condition] record window, uncheck the ***Disable*** *check box* to make the condition active. Click on the *Accept* button to return to the [Reminder Condition] listing window. Click the *Return* button to go back to the Data Control Panel. Once on the Data Control Panel, bring the queue manager window to the front and observe the task items being executed. Once the task items have execute, the results should be that you will have four emails. You should notice for Email Reminder Task in the queue. Confirm that you have received the Emails. After you have confirmed the receipt of the Emails, go to the [Reminder Condition] table and disable the condition.	
94	Once the condition has been disabled, go to the *Tables* pop-up and select the [Reminder Log] table. Confirm that once the table is selected, that you have left the [Reminder Condition] table and that you are now in the [Reminder Log] listing window.	

#	Test Procedure	Pass/Fail
	Reminder Log Component	
95	Once in the listing window for the [Reminder Log] table, go to the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Log Date***, ***Log Time***, ***Reminder Task Name***, ***Table #*** and ***Record ID***. Confirm that these fields are being displayed and that the data is correct for the field.	
96	Confirm when the *Add* button is clicked on that an alert message appears with a message stating that "entries are added automatically by TechTracS".	
97	Double-click on a [Reminder Log] record to bring it up in the [Reminder Log] record window. Confirm that the record is in a READ-ONLY mode and that the following fields are displayed: ***Log Date***, ***Log Time***, ***Task Name*** and ***Task Owner***.	
98	Confirm that the record window functions the same way and manner as other record windows in TechTracS. (NOTE: Since this is a single page layout, there will be no items in the *More* pull down.) Click the *Cancel* or *Accept* button to return to the [Reminder Log] listing window.	
99	Once back on the [Reminder Log] listing window, go to the *Query* pop-up and execute queries on the [Reminder Log] table. The only query that cannot be performed on this table is the "Quick Query" since there are no indexed alpha fields in the [Reminder Log] table.	
100	Go to the *Order By* pop-up and perform sorts on the data contained in the [Reminder Log] table.	
101	Go to the *Print* button and execute any report(s) for the [Reminder Log] table.	
102	Go to the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Reminder Log] Table.	
103	Go to the *Sets* pop-up and select the sets that were created from the queries that were created eariler to confirm that the correct information is displayed in the appropriate sets.	
104	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Reminder Log] table.	

#	Test Procedure	Pass/Fail
105	From the *Sets* pop-up, select **New Set** and confirm that it is working correctly with the [Reminder Log] table.	
106	Click on the *Help* button and confirm that the appropriate links are in place to show information on the [Reminder Log] Table.	
107	Click on the *Relate* pop-up and confirm that no relations appear since there are no relations to or from the [Reminder Log] table.	
108	Click on the *Tables* pop-up and confirm that the list of tables appears. With the table list still up, select the [Reminder Task] table. Confirm that once the table is selected, that you have left the [Reminder Log] table and that you are now in the [Reminder Task] listing window.	
	Since you now have been through creating a task and a condition and now have a sense of how the Reminder Module works, you are now going to create the following task and conditions. If you have any questions on creating these task or conditions, please consult the user guide for this Reminder Module which is in chapter 06.02 of the TechTracS User's Manual. In creating these conditions, make sure that any emails that are sent out, are directed towards yourself or a KSS Employee. No email test messages should be sent to any NASA users. When creating the tasks and conditions, it is better to create the Task first and then create the condition.	
109	Create the Task and Condition for the following. After the condition has been created, have the AutoAgent execute the condition and task and confirm that the condition was executed correctly. When: [PTO Actions]Type = "4. Final" and [PTO Actions]Completed Date = 00/00/00, an email should be sent out to the Attorney Aide and Cognizant Attorney named in the [Technology] record, or to other person(s) specified by Center, 30 days after the [PTO Actions]Action Date. The email should include: Text : A Final Office action is due in the Patent Office in the following case [PTO Actions]Case Number, Application Title = [Technology]Application Title, Action Description = [PTO Actions]Action description, Action Due Date = [PTO Actions]Action Due Date If the Action has been completed enter the Completed Date on the TechTracS "PTO Actions" screen. Create a [Tech Chronology] Item record that the email was sent. The Detail should include the date the email was sent and the email text.	

#	Test Procedure	Pass/Fail
110	Create the Task and Condition for the following. After the condition has been created, have the AutoAgent execute the condition and task and confirm that the condition was executed correctly. When: [Technology]Statutory Bar Date # 00/00/00, and [Technology]Provisional Filing Date = 00/00/00, and [Technology]Application Filing Date = 00/00/00, and [Technology]Inactivated Date = 00/00/00, an email should be sent out to the Attorney Aide and Cognizant Attorney named in the [Technology] record, or to other person(s) specified by Center, 8 months before the date of the [Technology]Statutory Bar Date. The email should include: Text : A Statutory Bar Date ([Technology]Statutory Bar Date) is approaching in the following case [Technology]Case Number. Application Title = [Technology]Application Title Create a [Tech Chronology] Item record that the email was sent. The Detail should include the date the email was sent and the email text.	
111	Create the Task and Condition for the following. After the condition has been created, have the AutoAgent execute the condition and task and confirm that the condition was executed correctly. Send an Email to an identified group when the 1st Maintenance Fee, 2nd Maintenance Fee or 3rd Maintenance fee, Pay or Don't Pay fields are checked on the [Technology] More PTO Actions/Fees screen. The email should include: Text : Case Number = [Technology]Case Number, Application Title = [Technology]Application Title, The Maintenance Fee was (display the appropriate Pay or Don't Pay). Create a [Tech Chronology] Item record that the email was sent. The Detail should include the date the email was sent and the email text.	

#	Test Procedure	Pass/Fail
112	Create the Task and Condition for the following. After the condition has been created, have the AutoAgent execute the condition and task and confirm that the condition was executed correctly. Send an Email to an specific group when a [Technology]Application Filing Dt is entered and [Technology]Patent Application Filed by is equal to NASA. The email should include: Text : A Patent Application has been filed by NASA in the following case [Technology]Case Number. Application Title = [Technology]Application Title, Application Filing Date = [Technology]Application Filing Dt Application SN = [Technology]Application SN. Create a [Tech Chronology] Item record that the email was sent. The Detail should include the date the email was sent and the email text.	
113	Create the Task and Condition for the following. After the condition has been created, have the AutoAgent execute the condition and task and confirm that the condition was executed correctly. When: [Technology]PL96-517 is checked, and [Technology]Small Entity Election Date = 00/00/00, and [Technology]Small Entity Decline Date = 00/00/00, an email should be sent out to the Attorney Aide or to other person(s) specified by Center, on the date of [Technology]Small Entity 2 Yrs to Elect. The email should include: Text : It is now 2 years from the NTR Received Date ([Technology]NTR Received Date) in the following case [Technology]Case Number. Application Title = [Technology]Application Title Small Entity To Elect = [Technology]Small Entity 2Yrs. to Elect Check to see whether Small Entity elected to retain. If not, request an assignment from the Small Entity. Create a [Tech Chronology] Item record that the email was sent. The Detail should include the date the email was sent and the email text. Also, create an Action Item entry. Create date is the date of the email and the due date is 30 days after the create date.	

#	Test Procedure	Pass/Fail
114	Go to the [Reminder Log] table and condfirm that there are entries for each of the above tasks.	
	Reminder Condition Items	
115	Go to the listing window for the [Reminder Condition Items] and confirm that you are now in the [Reminder Condition Items] table.	
116	Once in the listing window for the [Reminder Condition Items] table, go to the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Name***, ***Table #***, ***Field #***, ***Operation*** and ***Value***. Confirm that these fields are being displayed and that the data is correct for the field.	
117	Confirm when the *Add* button is clicked on that an alert message appears with a message stateing that "entries are added through the [Reminder Condition] table".	
118	Double-click on a [Reminder Condition Item] record to bring it up in the [Reminder Condition Item] record window. Confirm that the record is in a READ-ONLY mode and that the following fields are displayed: ***Reminder Condition Name***, ***Reminder Condition Table***, ***And/Or Prev. Condition***, ***[xxx]Field***, ***Operation***, ***Value*** and ***Calculated***.	
119	Confirm that the record window functions the same way and manner as other record windows in TechTracS. (NOTE: Since this is a single page layout, there will be no items in the *More* pull down.) Click the *Cancel* or *Accept* button to return to the [Reminder Condition Items] listing window.	
120	Once back on the [Reminder Condition Items] listing window, go to the *Query* pop-up and execute queries on the [Reminder Condition Items] table. The only query that cannot be performed on this table is the "Quick Query" since there are no index alpha fields in the [Reminder Condition Items] table.	
121	Go to the *Order By* pop-up and perform sorts on the data contained in the [Reminder Condition Items] table.	
122	Go to the *Print* button and execute any report(s) for the [Reminder Condition Items] table.	
123	Go to the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Reminder Condition Items] table.	

#	Test Procedure	Pass/Fail
124	Go to the *Sets* pop-up and select the sets that were created from the queries that were created eariler to confirm that the correct information is displayed in the appropriate sets.	
125	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Reminder Condition Items] table.	
126	From the *Sets* pop-up, select **New Set** and confirm that it is working correcting with the [Reminder Condition Items] table.	
127	Click on the *Help* button and confirm that the appropriate links are in place to show information on the [Reminder Task Items] Table.	
128	Click on the *Relate* pop-up and confirm that there is a link to relate records to the [Reminder Condition] table.	
129	Click on the *Tables* pop-up and confirm that the list of tables appears. With the table list still up, select the [Reminder Task Items] table. Confirm that once the table is selected, that you have left the [Reminder Condition Items] table and that you are now in the [Reminder Task Items] listing window.	
	Reminder Task Items	
130	Once in the listing window for the [Reminder Task Items] table, go to the menu bar and click on the **Select** menu and choose **Show All**. At this point the listing window will list all the records in the table and display the contents of the following fields: ***Name***, ***Owmer*** and ***Type***. Confirm that these fields are being displayed and that the data is correct for the field.	
131	Confirm when the *Add* button is clicked on that an alert message appears with a message stating that "entries are added through the [Reminder Task] table".	
132	Double-click on a [Reminder Task Item] record whose type is equal "Email" to bring it up in the [Reminder Task Item] record window. Confirm that the record is in a READ-ONLY mode and that the following fields are displayed: ***Email Receipent***, ***Subject*** and ***Body***.	

#	Test Procedure	Pass/Fail
133	Confirm that the record window functions the same way and manner as other record windows in TechTracS. (NOTE: Since this is a single page layout, there will be no items in the *More* pull down.) Click the *Cancel* or *Accept* button to return to the [Reminder Task Items] listing window.	
134	Double-click on a [Reminder Task Item] record whose type is equal "Chron" to bring it up in the [Reminder Task Item] record window. Confirm that the record is in a READ-ONLY mode and that the following fields are displayed: ***Type*** and ***Detail***. Click the *Cancel* or *Accept* button to return to the [Reminder Task Items] listing window.	
135	Double-click on a [Reminder Task Item] record whose type is equal "Chron" to bring it up in the [Reminder Task Item] record window. Confirm that the record is in a READ-ONLY mode and that the following fields are displayed: ***Days Offset***, ***From***, ***To***, ***Action #***, ***Subject***, ***Action Taken*** and ***Comments***. Click the *Cancel* or *Accept* button to return to the [Reminder Task Items] listing window.	
136	Once back on the [Reminder Task Items] listing window, go to the *Query* pop-up and execute queries on the [Reminder Task Items] table. The only query that cannot be performed on this table is the "Quick Query" since there are no indexed alpha fields in the [Reminder Condition Items] table.	
137	Go to the *Order By* pop-up and perform sorts on the data contained in the [Reminder Task Items] table.	
138	Go to the *Print* button and execute any report(s) for the [Reminder Tasks Items] table.	
139	Go to the *Report* button can click on the button to confirm that the 4D Quick Report Editor appears and that the fields listed are those in the [Reminder Tasks Items] table.	
140	Go to the *Sets* pop-up and select the sets that were created from the queries that were created eariler to confirm that the correct information is displayed in the appropriate sets.	

#	Test Procedure	Pass/Fail
141	From the *Sets* pop-up, select **Set Manager** and confirm that the manager is working correctly with the [Reminder Task Items] table.	
142	From the *Sets* pop-up, select **New Set** and confirm that it is working correcting with the [Reminder Task Items] table.	
143	Click on the *Help* button and confirm that the appropriate links are in place to show information on the [Reminder Task Items] Table.	
144	Click on the *Relate* pop-up and confirm that there is a link to relate records to the [Reminder Task] table.	
145	Click on the *Tables* pop-up and confirm that the list of tables appears.	
146	Click on the Return button to go to the Data Control Panel.	

Tester:

Notes:
